

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 17-0111  
ACHD Reference Number: 20728
2. Date & Time of Breakdown: Date: 09/10/17 Time: 0045 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: SCOT Plant
5. BAPC Permit Number (if applicable): #0052
6. Location: Clairton, PA
7. Nature and cause of breakdown: The Sulfur Plant was out of service when the C658 Axi tripped off-line. As a result, the 40 grain H2S limit at the Sulfur Plant was momentarily exceeded.
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Elevated H2S at the incinerator stack, causing increased SO<sub>2</sub> at point of combustion.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO<sub>2</sub> is an eye, nose, and throat irritant.
  - C. Amount of each type emitted (or likely to be emitted).  
Light to Moderate.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The C658 Axi was brought back on-line and the Sulfur Plant returned to service.
10. Facility back in operation - Date: 09/10/17 Time: 0150 hours

Reviewed by

*Jonelle S. Scheetz*  
Jonelle S. Scheetz  
Environmental Control Engineer

Date

*9-12-17*

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